Sequence Listing

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<120> Reagents and Methods Useful for Detecting Diseases of the Breast

<130> 6193.US.P1

<140> US 09/193,538
<141> 1998-11-17

<150> US 08/971,772
<151> 1997-11-17

<160> 23

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 288
<212> DNA
<213> Homo sapiens

<400> 1
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ggccccgtca gaagacccca gggactggag agccaacctc aaaggcacca tccgtgagac 120
aggcctggag accagctccg gtgggaagct ggctggccat cagaagaccg tccccacggc 180
tcacctgact tttgttattg actgcaccca cgggaagcag ctctccctgg cagcaaccgc 240
atcaccaccc caagccccca gtcccaatcg agggttgtca ccccacca 288

<210> 2
<211> 250
<212> DNA
<213> Homo sapiens

<400> 2
gggactggag agccaacctc aaaggcacca tccgtgagac aggcctggag accagctccg 60
gtgggaagct ggctggccat cagaagaccg tccccacggc tcacctgact tttgttattg 120
actgcaccca cgggaagcag ctctccctgg cagcaaccgc atcaccaccc caagccccca 180
gtcccaatcg agggcttgtc accccaccaa tgaagaccta catcgtgttc tgtggggaaa 240
actggcccca 250

<210> 3
<211> 256
<212> DNA
<213> Homo sapiens

<400> 3
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ccaggccagg gccaccctgc cgctctgcag agggtctgtg gcctcagctt ccttcccagt 120
cagcccgctc tgcccccagg aggttcccga ggctaagggg aaacccgtga aggctgcgcc 180
tgtgaggtct tcaacttggg gaacagtcaa ggactcactg aaagccctct cctcttgtgt 240
ctgtgggcag gccgat 256

<210> 4
<211> 256
<212> DNA
<213> Homo sapiens

<400> 4
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ctccaggaaa accatggtat ctcccccagca ctttgcaggg cctggcatgt ggaagatgta 120
ccagtaatat ttgctgtatg aatgaatgag tctcttcatg tgcaggtgac ttatcctgcc 180
tctgccactc gacggatgtt tcagatgccc cttagcggat ctaatgatgt ttccttggct 240
caagcacaaa agactc 256

<210> 5
<211> 133
<212> DNA
<213> Homo sapiens

<400> 5
gctgttcaaa atcatcttct ttatttattg ggttacttta tttattcagg gtgggttccc 60
tccaccccaa aaataccagc tccaggaaaa ccatggtatc tccccagcac tttgcagggc 120
ctggcatgtg gaa 133

<210> 6
<211> 910
<212> DNA
<213> Homo sapiens

<400> 6
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ggccccgtca gaagacccca gggactggag agccaacctc aaaggcacca tccgtgagac 120
aggcctggag accagctccg gtgggaagct ggctggccat cagaagaccg tccccacggc 180
tcacctgact tttgttattg actgcaccca cgggaagcag ctctccctgg cagcaaccgc 240
atcaccaccc caagccccca gtcccaatcg agggcttgtc accccaccaa tgaagaccta 300
catcgtgttc tgtggggaaa actggcccca tcttactcgg gtgacccccа tgggtggggg 360
atgccttgcc caggccaggg ccaccctgcc gctctgcaga gggtctgtgg cctcagcttc 420
cttcccagtc agcccgctct gcccccagga ggttcccgag gctaagggga aacccgtgaa 480
ggctgcgcct gtgaggtctt caacttgggg aacagtcaag gactcactga aagccctctc 540
ctcttgtgtc tgtgggcagg ccgattagct ggaagggccg ggctctgatg cccagaggct 600
gcaattccca gggcctggcc ctgcttcccc agctaagcag gagtcttttg tgcttgagcc 660
aaggaaacat cattagatcc gctaaggggc atctgaaaca tccgtcgagt ggcagaggca 720
ggataagtca cctgcacatg aagagactca ttcattcata cagcaaatat tactggtaca 780
tcttccacat gccaggccct gcaaagtgct ggggagatac catggttttc ctggagctgg 840
tatttttggg gtggagggaa cccaccctga ataaataaag taacccaata aataaagaag 900
atgattttga 910

<210> 7
<211> 915
<212> DNA
<213> Homo sapiens

<400> 7
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ggccccgtca gaagacccca gggactggag agccaacctc aaaggcacca tccgtgagac 120
aggcctggag accagctccg gtgggaagct ggctggccat cagaagaccg tccccacggc 180
tcacctgact tttgttattg actgcaccca cgggaagcag ctctccctgg cagcaaccgc 240
atcaccaccc caagccccca gtcccaatcg agggcttgtc accccaccaa tgaagaccta 300
catcgtgttc tgtggggaaa actggcccca tctkactcgg gtgacccccа tgggtggggg 360
atgccttgcc caggccaggg ccaccctgcc gctctgcaga gggtctgtgg cctcagcttc 420
cttcccagtc agcccgctct gcccccagga ggttcccgag gctaagggga aacccgtgaa 480
ggctgcgcct gtgaggtctt caacttgggg aacagtcaag gactcactga aagccctctc 540
ctcttgtgtc tgtgggcagg ccgattagct ggaagggccg ggctctgatg cccagaggct 600
gcaattccca gggcctggcc ctgcttcccc agctaagcag gagtcttttg tgcttgagcc 660
aaggaaacat cattagatcc gctaaggggc atctgaaaca tccgtcgagt ggcagaggca 720
ggataagtca cctgcacatg aagagactca ttcattcata cagcaaatat tactggtaca 780
tcttccacat gccaggccct gcaaagtgct ggggagatac catggttttc ctggagctgg 840
tatttttggg gtggagggaa cccaccctga ataaataaag taacccaata aataaagaag 900
atgattttga acagc 915

<210> 8
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Restriction site

<400> 8
agctcggaat tccgagcttg gatcctctag agcggccgcc gactagtgag ctcgtcgacc 60
cgggaatt 68

<210> 9
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Restriction site

<400> 9
aattaattcc cgggtcgacg agctcactag tcggcggccg ctctagagga tccaagctcg 60
gaattccg 68

<210> 10
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Universal primer

<400> 10
agcggataac aatttcacac agga 24

<210> 11
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Universal primer

<400> 11
tgtaaaacga cggccagt 18

<210> 12
<211> 20
<212> DNA
<213> Homo sapiens

<400> 12
ccccaccaat gaagacctac 20

<210> 13
<211> 20
<212> DNA
<213> Homo sapiens

<400> 13
agaggagagg gctttcagtg 20

<210> 14
<211> 20
<212> DNA
<213> Homo sapiens

<400> 14
ccccacagaa cacgatgtag 20

<210> 15
<211> 22
<212> DNA
<213> Homo sapiens

<400> 15
ttgtcacccc accaatgaag ac 22

<210> 16
<211> 22
<212> DNA
<213> Homo sapiens

<400> 16
tggtatctcc ccagcacttt gc 22

<210> 17
<211> 188
<212> PRT
<213> Homo sapiens

<400> 17

Glu	Trp	Pro	Arg	Thr	Ala	Pro	Leu	Leu	Pro	Glu	Leu	Gly	Arg	Arg	Arg
1				5					10					15	
Ser	Ser	Arg	Met	Ala	Pro	Ser	Glu	Asp	Pro	Arg	Asp	Trp	Arg	Ala	Asn
			20					25					30		
Leu	Lys	Gly	Thr	Ile	Arg	Glu	Thr	Gly	Leu	Glu	Thr	Ser	Ser	Gly	Gly
		35					40					45			
Lys	Leu	Ala	Gly	His	Gln	Lys	Thr	Val	Pro	Thr	Ala	His	Leu	Thr	Phe
	50					55					60				
Val	Ile	Asp	Cys	Thr	His	Gly	Lys	Gln	Leu	Ser	Leu	Ala	Ala	Thr	Ala
65					70					75					80
Ser	Pro	Pro	Gln	Ala	Pro	Ser	Pro	Asn	Arg	Gly	Leu	Val	Thr	Pro	Pro
				85					90					95	
Met	Lys	Thr	Tyr	Ile	Val	Phe	Cys	Gly	Glu	Asn	Trp	Pro	His	Leu	Thr
			100					105					110		
Arg	Val	Thr	Pro	Met	Gly	Gly	Gly	Cys	Leu	Ala	Gln	Ala	Arg	Ala	Thr
		115					120					125			
Leu	Pro	Leu	Cys	Arg	Gly	Ser	Val	Ala	Ser	Ala	Ser	Phe	Pro	Val	Ser
	130					135					140				
Pro	Leu	Cys	Pro	Gln	Glu	Val	Pro	Glu	Ala	Lys	Gly	Lys	Pro	Val	Lys
145					150					155					160
Ala	Ala	Pro	Val	Arg	Ser	Ser	Thr	Trp	Gly	Thr	Val	Lys	Asp	Ser	Leu
				165					170					175	
Lys	Ala	Leu	Ser	Ser	Cys	Val	Cys	Gly	Gln	Ala	Asp				
			180					185							

<210> 18
<211> 21
<212> PRT
<213> Homo sapiens

<400> 18

Arg	Ser	Ser	Arg	Met	Ala	Pro	Ser	Glu	Asp	Pro	Arg	Asp	Trp	Arg	Ala
1				5					10					15	
Asn	Leu	Lys	Gly	Thr											
			20												

<210> 19
<211> 19
<212> PRT
<213> Homo sapiens

<400> 19
Met Gly Gly Gly Cys Leu Ala Gln Ala Arg Ala Thr Leu Pro Leu Cys
1 5 10 15
Arg Gly Ser

<210> 20
<211> 35
<212> PRT
<213> Homo sapiens

<400> 20
Leu Cys Pro Gln Glu Val Pro Glu Ala Lys Gly Lys Pro Val Lys Ala
1 5 10 15
Ala Pro Val Arg Ser Ser Thr Trp Gly Thr Val Lys Asp Ser Leu Lys
20 25 30
Ala Leu Ser
35

<210> 21
<211> 19
<212> PRT
<213> Homo sapiens

<400> 21
Arg Glu Thr Gly Leu Glu Thr Ser Ser Gly Gly Lys Leu Ala Gly His
1 5 10 15
Gln Lys Thr

<210> 22
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Affinity purification system recognition site

<400> 22
Asp Tyr Lys Asp Asp Asp Asp Lys
1 5

<210> 23
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Affinity purification system recognition site

<400> 23
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Met His Thr Glu His
1 5 10 15
His His His His His
20